(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 9 June 2005 (09.06.2005)

PCT

(10) International Publication Number WO 2005/052792 A3

(51) International Patent Classification G06F 9/445

(21) International Application Number:
PCT/IB2004/052531

(22) International Filing Date:

24 November 2004 (24.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

03104448.0

28 November 2003 (28.11.2003) EI

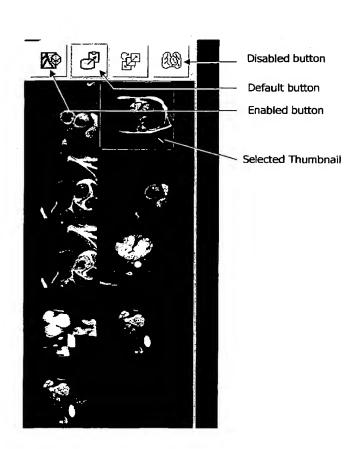
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: COMPATIBILITY CHECK BETWEEN APPLICATIONS AND FILES



(57) Abstract: The invention relates to a scintillation layer (20) for a PET-detector. The scintillation layer (20) consists of a plurality of scintillation elements (21) that are joined together in a practically gapless way and that are oriented towards the centre of curvature (24). Depending on the form of the scintillation layer (20), the scintillation elements (21) may have for example the form of a truncated wedge or pyramid.

WO 2005/052792 A3

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Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA,

SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:

with international search report

(88) Date of publication of the international search report: 9 March 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

In ional Application No PCI/IB2004/052531

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F9/445						
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS		n symbols)				
Minimum documentation searched (classification system followed by classification symbols) IPC 7 G06F						
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Electronic da	ata base consulted during the international search (name of data bas	e and, where practical, search terms used				
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C. DOCUME	ENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.			
Χ	US 5 652 876 A (ASHE DYLAN B ET AL)		1-6,10,			
	29 July 1997 (1997-07-29)	11 7–9				
А	abstract		, ,			
	column 6, line 37 - line 67 column 7, line 23 - line 35					
	column 7, line 23 - line 35 column 9, line 38 - column 10, line 47					
	column 14, line 65 - column 15, l	ine 24				
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X Furt	her documents are listed in the continuation of box C.	χ Patent family members are listed	in annex.			
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Date of the actual completion of the international search Date of mailing of the international search report						
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European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Pijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Carciofi, A				

In ional Application No
PCT/IB2004/052531

		FC1/1B2004/032331
Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SHARP D: "TypeFind - TypeInfo"	1,2,5,6,
	DAVID SHARP'S ACORN PAGES, 'Online! 21 February 1999 (1999-02-21), XP002274607 Retrieved from the Internet: URL:http://web.archive.org/web/19990221165 826/www.geocities.com/SiliconValley/Park/4 119/typeinfo.htm - http://web.archive.org/web/19990221163207/ http://www.geocities.com/SiliconValley/Park/4119/typefind.htm> 'retrieved on 2004-03-23! the whole document	10,11
(HELGER P: "GetTyp for Windows v2.56 / GetType User Interface v1.14" GETTYP APPLICATION BUNDLE (GTW2.56 + GTUI1.14), 'Online! 8 May 2000 (2000-05-08), XP002274608 Retrieved from the Internet: URL:http://www.owlserver.de:2080/ftp/pub/e cho/tgm/tgm.packer.win/GTW256.ZIP> 'retrieved on 2004-03-23! the whole document	1,2,5,6, 10,11
X	MCDANIEL M, HEYDARI M H: "Content Based File Type Detection Algorithms" SYSTEM SCIENCES, 2003 (HICSS '03). PROCEEDINGS OF THE 36TH ANNUAL HAWAII INTERNATIONAL CONFERENCE ON, 6 January 2003 (2003-01-06), - 9 January 2003 (2003-01-09) pages 332-341, XP002274609 abstract page 332, right-hand column, line 35 - page 333, left-hand column, line 18	1-3,6, 10,11

INTERNATIONAL SEARCH REPORT

formation on patent family members

Intel Ial Application No PC1/1B2004/052531

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5652876 A	29-07-1997	NONE	
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